



The Manufacturer of Sealing Parts

Escort Seal (Shanghai) Co., Ltd
NO.205 Jiangtian RD(E), Songjiang
Shanghai China
Postal Code: 201613
Tel: (021) 57747878
Fax: (021) 51685279
Website: <https://www.escort.com.cn/CN>

TEST REPORT

MATERIAL: SIL 70 DURO FDA RED

COMPOUND NO: S7011R

Physical Properties (Press Cure:170°CX10min Post Cure:200°CX4h)	Requirement	Test result
Hardness, Point 硬度(邵A)	65.00~75.00	72.00
Tensile Strength, min, Mpa 拉力強度	5.00	6.40
Ultimate Elongation, min, % 延伸率	150.00	167.00
Specific Gravity, 比重		1.31

Heat Resistance 70h@225°C 老化試驗

Change in hardness, max, Point 硬度變化(邵A)	+10.00	+4.00
Change in tensile strength, max, % 拉伸強度變化率	-25.00	+9.00
Change in ultimate elongation, max, % 扯斷伸長率變化率	-30.00	-25.00

Compression Set 22h@175°C 壓縮永久變形試驗

Compression set, Method B, max, % 壓縮永久變形	30.00	18.00
--	-------	-------

Fluid Resistance No.1 Oil Resistance 70h@150°C 1號油試驗

Change in hardness, Point 硬度變化	-15.00~0.00	-14.00
Change in tensile strength, max, % 拉力強度變化率	-20.00	-9.00
Change in ultimate elongation, max, % 延伸率變化率	-20.00	+7.00
Change in volume, % 體積變化率	0.00~15.00	+14.00

Fluid Resistance No.3 Oil Resistance 70h@150°C 3號油試驗

Change in hardness, Point 硬度變化	-40.00	-27.00
Change in volume, % 體積變化率	+60.00	+41.00

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND S7011R CAN MEET ASTM 2000 M7GE705A19B37EO16EO36

